APR/FY06

HAINES PIPELINE
Alaska

Army Defense Environmental Restoration Program Installation Action Plan

Final 24 August 2006

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Statement of Purpose

The purpose of the Installation Action Plan (IAP) is to outline the total multi-year Cleanup Program for an installation. The plan identifies environmental cleanup requirements at each site or area of concern, and proposes a comprehensive, installation-wide approach, with associated costs and schedules, to conduct investigations, necessary remedial actions, and long-term management.

In an effort to coordinate planning information between the restoration manager, US Army Environmental Center (USAEC), Haines Pipeline, IMC, executing agencies, and regulatory agencies, an IAP was completed. The IAP is used to track requirements, schedules and tentative budgets for all Army installation cleanup programs.

All site-specific funding and schedule information has been prepared according to projected overall Army funding levels and is, therefore, subject to change.

The following agencies contributed to the formulation and completion of this Installation Action Plan during a planning workshop held on 3 April 2006:

Company/Installation/Branch
CEMML/USAGAK

DPW, FRA

DPW, USAGAK

Engineering and Environment, Inc. for USAEC

USAEC

USEPA

Acronyms & Abbreviations

ADEC	Alaska Department of Environmental Conservation
AEDB-R	Army Environmental Database- Restoration
AHEA	Army Environmental Hygiene Agency
AK	Alaska
AST	Aboveground Storage Tank
BLM	Bureau of Land Management
CANOL	Canadian Oil
CEMML	Center for Environmental Management of Military Lands
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CLOSES	Cleanup Operations and Site Exit Strategy
CRREL	Cold Regions Research and Engineering Laboratory
\CTC	Cost-to-Complete
cy	cubic yards
DoD	Department of Defense
DPW	Department of Public Works
ER,A	Environmental Restoration, Army (formerly called DERA)
FRA	Fort Richardson
FS	Feasibility Study
ft	foot
FUDS	Formerly Used Defense Sites
FY	Fiscal Year
HNS	Haines
HVE	High-Vacuum Extraction
IAP	Installation Action Plan
IMC	Installation Management Command
RA	Interim Remedial Action
IRP	Installation Restoration Program
K	$1,000
kg	kilograms
LNAPL	Light Non-aqueous Phase Liquid
LTM	Long-Term Management
NFA	No Further Action
NPL	National Priorities List
PA	Preliminary Assessment
PBC	Performance Based Contracting
PCB	polychlorinated biphenyl
POL	Petroleum, Oil & Lubricants
POM	Program Objective Memorandum (budget)
PY	prior year
RA	Remedial Action
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operation)
RAB	Restoration Advisory Board

Acronyms & Abbreviations

RC	Response Complete
RD	Remedial Design
REM	Removal
RI	Remedial Investigation
RIP	Remedy-in-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SI	Site Inspection
TAPP	Technical Assistance for Public Participation
TFT	Tok Fuel Terminal
USACE	US Army Corps of Engineers
USAEC	US Army Environmental Center
USAEHA	US Army Environmental Hygiene Agency
USAG-AK	US Army Garrison-Alaska
USARPAC	US Army Pacific
USEPA	US Environmental Protection Agency
VOC	Volatile Organic Compound

Installation Information

Installation Locale: The Haines-Fairbanks Pipeline runs along a route from Haines, Alaska, through Haines Junction, Yukon Territory and along the Alaska Highway through Tok, Big Delta and then to the terminal at Fort Wainwright in Fairbanks, Alaska. The pipeline was built to supply fuel to military installations in Alaska. The pipeline consisted of an eight inch multi-product line with six pumping stations, including Tok, Haines, and Sears Creek. A significant portion of the line was installed above ground. The pipeline was decommissioned in 1972, with a majority of the pipe removed in 1990-1991. Haines Terminal was closed in 1991.

Installation Mission: US Army Alaska's primary missions are to provide ready combat forces to deploy rapidly in support of worldwide joint military operations, crisis response, and peacetime engagements; to maintain a quality of life and force protection platform; to field Stryker Brigade Combat Team 3; and to serve as the Joint Force Land Component in Alaska.

Lead Organization:
Installation Management Command, Pacific Region

Lead Executing Agencies:
US Army Alaska, Environmental Division

Regulatory Participation
State: Alaska Department of Environmental Conservation

National Priorities List (NPL) Status: Haines Pipeline is not on the NPL.

Installation Restoration Advisory Board (RAB)/Technical Review Committee (TRC)/Technical Assistance for Public Participation (TAPP) Status: A Restoration Advisory Board was established in 1997 for HNS-01. No TAPP projects have been identified by the RAB.

Installation Program Summaries
IRP
Primary Contaminants of Concern: Petroleum Hydrocarbons, Metals, VOCs, LNAPL
Affected Media of Concern: Soil, Groundwater, Surface Water
Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 2010/2030
Funding to date (up to FY05): $13,930K
Current year funding (FY06): $2,651K
Cost-to-Complete (FY07+): $8,947K

Installation Historic Activity

The Haines-Fairbanks pipeline was built in the mid-1950s to replace the western portion of the Canadian Oil (CANOL) pipeline. The CANOL pipeline was built during the 1940s to carry oil from the Norman Wells oil field to a refinery in Whitehorse, British Columbia. Independent contractors from Canada and the US completed the Haines-Fairbanks pipeline in October 1955. The pipeline was constructed from eight-inch diameter steel pipe. Soon after completion, the US military took possession of the pipeline. Fuel was shipped to the POL terminal in Haines and then transported 626 miles to Fairbanks via the pipeline. The pipeline operated for 17 years. The operation ended in 1971, and the pipeline was purged.

In 1982, the Canadian Government took control of the pipeline that was located in Canada. The majority of the pipeline was removed from the right-of-way in 1991. Several pump stations were built along the pipeline. They were placed at the following locations: Haines (AK), Border (British Columbia), Haines Junction (Yukon), Donjek (Yukon) and Tok (AK). When more throughputs were needed, six more pumping stations were built in Blanchard River, Destruction Bay, Beaver Creek, Lakeview, Sears Creek and Timber. Lakeview and Timber stations have been patented by BLM to the state of Alaska. Any further action on these two sites will be conducted under the FUDS program. During its 17 years of operation, there were numerous leaks along the pipeline.

In 1990, the City of Haines requested that the Alaska Department of Environmental Conservation (ADEC) conduct an investigation of the Haines Fuel Terminal (HSN-01). In May 1990, ADEC requested the EPA list Haines Fuel Terminal on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). A preliminary assessment was finalized in February 1991, and the site investigation was completed in January 1996. The US Army, Alaska conducted investigation of pathways for off-site migration identified in the 1996 site investigation, and removed a fire burn pit, outside the Haines Fuel Terminal fence line, known to contribute to surface water contamination. Numerous remedial actions have been conducted at the Haines Fuel terminal. These actions included soil removal, in situ treatment and continued monitoring for off-site migration.

Tok Fuel Terminal was the second largest pump station on the Haines Pipeline. The site covers about 50 acres and once housed large above ground storage tanks and pipeline maintenance facilities. Tok Terminal has undergone significant changes in recent years. The buildings and tanks were removed during FY03. An RI was completed for the Tok site in FY04.

One other area being investigated is the Haines Pipeline right-of-way. The Haines Pipeline Investigation (HNS-02) consists of about 39 acres along the original pipeline right-of-way. The acreage represents multiple small sites along the pipeline that represent only a small amount of the actual pipeline right-of-way. The remainder of the acreage is being investigated under other Army programs, including the Formerly Used Defense Sites program. The pump stations, including Sears Creek (HNS-03) were also part of the pipeline and consisted of facilities for boosting pumping capability and for pipeline

maintenance. The Sears Creek terminal is located between TOK and Haines, AK. The site is about 9.8 acres and houses generators, pumps, above ground storage tanks, pigging or clean stations, and a burn pit area. Remedial investigations are expected to be completed under a PBC for HNS-02, HNS-03, and HNS-04. The PBC is expected to be awarded in FY06.

PROGRAM PROGRESS:

IRP

- Prior Year Progress: Continuation of air sparging trench to control offsite migration of VOC at HNS-01 Haines Terminal.
- Future Plan of Action: Award PBC for continuation of air sparging trench to control offsite migration of VOCs and for completion of site characterization at HNS-01, Haines Terminal. Award a PBC for investigation and developing decision documents at HNS-02, HNS-03, and HNS-04.

HAINES PIPELINE

Installation Restoration Program

IRP Summary

Total AEDB-R IRP Sites/AEDB-R sites with Response Complete: 23/18

Different Site Types:
14 Above Ground Storage Tanks
1 Contaminated Groundwater
2 Fire/Crash Training Areas
4 POL (Petroleum/Lubricants) Lines
1 Spill Site Area
1 Storage Area

Most Widespread Contaminants of Concern: Petroleum Hydrocarbons, Metals, VOCs, LNAPL

Media of Concern: Soil, Groundwater, Surface Water

Completed Removal (REM)/Interim Remedial Action (IRA)/Remedial Action (RA):
1996 - RA at HNS-09
1997 - RA at HNS-07

Identified Possible REM/IRA/RA:
RA at HNS-01, 02, 03, 04

Total IRP Funding

Prior years (up to FY05):	$13,930K
Current year funding (FY06):	$ 2,651K
Cost-to-Complete (FY07+):	$ 8,839K
Total:	$25,420K

Duration of IRP
Year of IRP Inception: 1991
Year of IRP RIP/RC: 2010/2030
Year of IRP Completion including Long-Term Management (LTM): 2030

IRP Contamination Assessment

IRP Contamination Assessment Overview

In 1992, a site investigation at HNS-01 was initiated and identified the presence of petroleum contaminants in soil, subsurface soils, surface water and groundwater. The report, finalized in 1993, led to a follow-on investigation to determine if off-site migration was occurring. This second phase to the site investigation to confirm off-site migration of petroleum contaminants was completed and reported in January 1996.

In October 1996, a groundwater control system, using oxygen-releasing compounds, was installed as a treatability study. Its goal was to determine if enhanced bioremediation could be used to slow or stop off-site migration of petroleum products. Results were inconclusive. During this same time frame, the Lutak fire burn pit, a major source of off-site surface water contamination, was excavated and the soil was thermally remediated.

In October 1997, a second treatability study was initiated with the installation of a High-Vacuum Extraction (HVE) system. The system was designed to remove and treat fuel-related compounds from groundwater and subsurface soil in the off-site migrating area. The system was deactivated December 2000 due to inefficiency.

In October 2001, an air sparging treatability study was implemented to control volatile contaminant migration and meet the goal objective, which is to minimize potential off-site migration.

Tok Fuel Terminal (TFT) was a pumping and storage station for the Haines to Fairbanks pipeline operated by the Department of Defense (DOD). The terminal was used to regulate the pipeline. The facility was taken out of service in 1973, and was leased by GSA to the Bureau of Land Management (BLM) in 1979. The fuel terminal had a fuel storage capacity of approximately 275,000 barrels in 133 bulk fuel storage tanks. The truck fill rack was used to fill tanker trucks with diesel fuel and motor gasoline. The housing and support facilities included the manifold building, mainline pump building, a garage and shop used to maintain equipment, and a power generator facility. In February 2002, a RI at TFT was initiated to investigate and evaluate subsurface contamination. The purpose of the study was to determine the extent of soil and groundwater contamination on the terminal. A limited RI was completed in 2003 that indicated two contaminated areas. The Generator Building area (~250 x 250 ft) has solvent and petroleum contamination in the soil and groundwater. The Oil Rack area (~50 x 50 ft) has high levels of petroleum and lead in the soil.

Investigation of the other sites comprising the Haines Pipeline and Sears Creek, was initiated through USARPAC AHEA. A preliminary assessment level survey was conducted at each of these sites and identified various contaminants including volatile organic compounds and residual petroleum compounds.

IRP Cleanup Exit Strategy

A PBC will be awarded in FY06 to bring HNS-01 to RIP and to complete RI/FS and DDs at the other three sites. Limited remedial actions may be required at HNS-02, -03 and -04. Continue operation of air sparging trench to control offsite migration of VOC at HNS-01, Haines Terminal. Upon achievement of RC, perform any necessary long-term management of land use controls.

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2005

- Final Technical Memorandum for Haines Fuel Terminal Tanani Point Burn Pit Mod No. 2 Bedrock Investigation dated May 2005, BNCI, May-05
- Haines Fuel Terminal Tanani Point Burn Pit Data Package Lab Work Order B4J0122 dated February 2005, North Creek Analysis, May-05
- Haines Fuel Terminal Tanani Point Burn Pit Data Package Lab Work Order B4H0756 dated February 2005, North Creek Analysis, May-05
- Well Installation Report dated December 2004, CH2M Hill, May-05
- Evaluation of Source Areas Haines Fuel Terminal, CH2M Hill, Jan-05

2006

- Haines Fuel Terminal OM&M Summary, CH2M Hill, Nov 05 to Feb-06
- 2005 Semi Annual Monitoring Report January 2005 thru June 2005, CH2M Hill, Sep-05

HAINES PIPELINE

Installation Restoration Program
Site Descriptions

HNS-01
HAINES TERMINAL (PAGE 1 OF 2)

SITE DESCRIPTION

Haines Fuel Terminal was constructed in 1954 to provide facilities for tanker dockage, fuel storage, and a pipeline system to deliver fuel to military installations in the vicinity of Fairbanks. Haines Fuel Terminal was an active fuel storage and pumping facility from 1955 until 1971. Fuel storage ceased in 1988.

In 1989, Haines community petitioned the EPA and the Alaska Department of Environmental Conservation (ADEC) to conduct an investigation of Haines Fuel Terminal. A PA in May 1990 identified leaking underground storage tanks, leaking transformers, three burn pits used for waste fuels and solvent disposal, and potential past use of dioxin-containing herbicides. The site was listed on the Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) in May 1990.

STATUS

REGULATORY DRIVER: CERCLA

RRSE: Medium

CONTAMINANTS OF CONCERN: LNAPL, Petroleum Hydrocarbons, VOCs

MEDIA OF CONCERN: Soil, Groundwater, Surface Water

Phases	Start	End
PA	199206	199403
SI	199206	199406
RI/FS	199406	200507
RA(C)	200312	200507
RA(O)	200510	203009

RIP: 200510
RC: 203009

A site investigation initiated in 1992 identified the presence of petroleum contaminants in soil, surface water and groundwater. A second investigation confirmed off-site migration of petroleum contaminants in January 1996. Dioxins were not found to be a contaminant of concern.

In October 1996, a groundwater control system was installed as a treatability study to determine if enhanced bioremediation would slow or stop off-site migration. Results were inconclusive. Soil from one of the burn pits was found to be a major source of off-site surface water contamination and was subsequently thermally remediated.

In October 1997, a second study was initiated with the installation of a high-vacuum extraction (HVE) system to remove and treat fuel-related compounds from groundwater and subsurface soil in the off-site migrating area. The system was deactivated in December 2000, due to inefficiency.

It was determined that tank 100 and a former burn pit lie over a paleo-channel area (bedrock channel that serves as the principal conduit for groundwater in the area) and form one source area of contamination. In December 2001, a permeable sparging trench treatability study was implemented to control volatile contaminant migration (primarily benzene) and meet the goal of preventing potential off-site migration. The permeable sparging trench system was expanded in FY03. The air sparge system is successfully

minimizing downgradient migration but residual contamination remains outside the treatment area.

Plume delineation in FY03 included additional well installation and borings. Free product was detected in 6 wells near the paleo-channel, over an approximate 6 acre area. In FY04, limited passive free product removal occurred. Investigations at Tanani burn pit and a former drum yard, 2 other suspected source areas, have been completed. The drum storage yard has residual chlorinated solvents in the soil. It is presumed that these solvents do not pose an unacceptable risk. All of the tanks on site were removed in FY03 (non-IRP). The CLOSES (exit strategy) evaluation reduced the sampling in the non-contaminated areas, recommended additional investigation in the manifold building area and continued operation of the permeable sparging trench system.

The site-wide sampling that has been underway since 1995 to monitor contamination at this site. Sampling has indicated that surface water seeps on Tanani Beach are no longer a media of concern. A soil removal at the Tanani Point burn pit was completed in summer FY04.

New wells were installed in FY05 to further delineate the contaminant pathways at the site. Results of well installation and tracer studies indicate another source area exists under the foundation of a former manifold building. Contamination in this area (referred to a the paleo-basin) apparently flows north and is not hydraulically connected to the paleo-channel. Contamination in the area around the former manifold building is being monitored and will be investigated further under the PBC. Operation of the air sparging system continues.

CLEANUP STRATEGY

A PBC that includes this site is planned to be awarded in FY06.

Free product exists under the former manifold building foundation (paleo-basin) and will be addressed through the PBC, as will be any remaining on-site sources. The permeable sparging trench system is the full scale treatment for the area of the paleo-channel and continues to operate. Off-post residual contamination will also be addressed by the PBC.

HNS-02
HAINES PIPELINE INVESTIGATION

SITE DESCRIPTION

Haines Pipeline was approximately 626 miles long and ran though Alaska and Canada to provide fuel to interior Alaska. Numerous leaks, spills and breaks have been reported along the pipeline route.

The Army originally had 1,800 acres of land and pipeline right-away. All but 455 acres have been deeded to other owners and are part of the FUDS program. Of the 455 acres, approximately 39 acres along the original pipeline length are part of this site. This acreage is an aggregate of small parcels that are scattered along the pipeline route. The remaining land (416 acres) is primarily at the terminals (Haines, Tok, Fairbanks, and Sears Creek).

STATUS

REGULATORY DRIVER: CERCLA

RRSE: Low

CONTAMINANTS OF CONCERN: Petroleum Hydrocarbons

MEDIA OF CONCERN: Soil, Surface Water

PHASES	Start	End
PA	199310	199310
SI	199310	199310
RI/FS	200410	200904
RA(C)	200905	201004

RC: 201004

CLEANUP STRATEGY

A PBC including this site is planned for award in FY06.

Complete the RI/FS, possibly utilizing soil gas analysis and shallow soil and surface water sampling. If contamination is found, it is assumed that it will be isolated and can be easily removed and treated at an off-site incinerator. Due to the relatively small size of this area, it is assumed that limited contamination, if any, will be found. All work under the RI/FS phase will be addressed under the PBC.

HNS-03
SEARS CREEK STATION

SITE DESCRIPTION

Sears Creek POL Terminal is located approximately 80 miles northwest of Tok, Alaska. The site is approximately 9.8 acres. The site consisted of one building that housed generators and pumps, two above ground storage tanks, 'pigging' station/transfer pump and burn pit area. A PA was completed in 1995 by USAPAC AEHA (US Army Pacific, Army Environmental Hygiene Agency) to determine the relative risk at this site. It was determined that there is no immediate threat to human health and the environment, thus a relative risk of 3 was assigned to this site.

CLEANUP STRATEGY

A PBC to include this site is planned for award IN FY06.

Future actions include a RI/FS at the fire burn pit and fuel transfer station. All work under the RI/FS phase and the fencing of the site will be addressed under the PBC. Due to the limited size of this area, it is assumed that limited contamination, if any, will be found. A remediation assumption includes soil excavation and bioventing for two years followed by LTM.

STATUS

REGULATORY DRIVER: CERCLA

RRSE: Low

CONTAMINANTS OF CONCERN: Petroleum Hydrocarbons, VOCs,

MEDIA OF CONCERN: Soil, Groundwater

PHASES	Start	End
PA	199310	199310
SI	199310	199310
RI/FS	200506	200904
RA(C)	200905	201004
RA(O)	201005	201404
LTM	201405	201605

RIP: 201005
RC: 201404

HNS-04
TOK TERMINAL SI

SITE DESCRIPTION

The Tok Fuel Terminal is located approximately two miles outside of Tok, Alaska, and was the second largest pumping station on the Haines-Fairbanks pipeline. The site covers approximately 50 acres and had approximately 10 aboveground storage tanks, quarters for personnel working on the site, vehicle maintenance facilities, pipeline maintenance facilities and a power generation plant. The ASTs were removed. This site was listed on the Federal Agency Hazardous Waste Compliance Docket on 10/02/01 but was determined not to be eligible for the NPL.

A limited RI was completed in 2003 that indicated two contaminated areas. The report was finalized in FY04.

The Generator Building area (~250 x 250 ft) has solvent and petroleum in the soil and groundwater.

STATUS

REGULATORY DRIVER: CERCLA

RRSE: Medium

CONTAMINANTS OF CONCERN: Petroleum Hydrocarbons, Metals, VOCs

MEDIA OF CONCERN: Soil, Groundwater

PHASES	Start	End
PA	199310	199312
SI	199310	199312
RI/FS	200505	200809
RA(C)	200905	201004
RA(O)	201005	201504
LTM	201505	202504

RIP: 201005
RC: 201504

The Oil Rack area (~50 x 50 ft) has high levels of petroleum and lead in the soil. Groundwater was not sampled at the Oil Rack Area.

CLEANUP STRATEGY

A PBC including this site is planned for award in FY06.

All work under the RI/FS phase will be addressed under the PBC. Additional sampling will be completed to delineate the contamination at the above listed facilities. Soil removal and installation of two soil vapor extraction systems may be needed in future years. Groundwater monitoring will be conducted for 5 years following remedial action.

PBC AT HAINES
PBC

SITE DESCRIPTION

A Performance Based Contract (PWS) will be awarded in FY06 to incorporate work at HNS-01, HNS-02, HNS-03, and HNS-04. Descriptions of these sites have been proved in previous sections of this plan.

CLEANUP STRATEGY

Work at HNS-01 will include delineation and investigation of all sites within the boundary of the terminal, continued operation of the existing treatment system, and potential removal actions. Work at HNS-02, HNS-03, and HNS-04 will involve completion of the remedial investigations at these sites and development of decision documents.

STATUS

REGULATORY DRIVER: CERCLA

RRSE: Low

CONTAMINANTS OF CONCERN: LNAPL, VOCs, Metals, Petroleum Hydrocarbons

MEDIA OF CONCERN: Soil, Groundwater, Surface Water

PHASES	Start	End
PA	199409	199509
RI/FS	200607	201209

RC: 201209

IRP No Further Action Sites Summary

AEDB-R#	Site Title	Documentation/Reason for NFA	NFA Date
HNS-05	Lakeview Station	Transferred to FUDS	1993
HNS-06	Timber Station	Transferred to FUDS	1994
HNS-07	Tank 100 & Manifold Bldg.	Combined into HNS-01	1997
HNS-08	Manifold Building	Combined into HNS-01	1998
HNS-09	Drum Storage Area	Combined into HNS-01	1999
HNS-11	Tank 101	Combined into HNS-01	1999
HNS-12	Tank 102	Combined into HNS-01	1999
HNS-13	Tank 103	Combined into HNS-01	1999
HNS-14	Tank 104	Combined into HNS-01	1999
HNS-15	Tank 105	Combined into HNS-01	1999
HNS-16	Tank 106	Combined into HNS-01	1999
HNS-17	Tank 107	Combined into HNS-01	1999
HNS-18	Tank 108	Combined into HNS-01	1999
HNS-19	Tank 109	Combined into HNS-01	1999
HNS-20	Tank 110	Combined into HNS-01	1999
HNS-21	Tank 111	Combined into HNS-01	1999
HNS-22	Tank 112	Combined into HNS-01	1999

IRP Schedule

Initiation of IRP: 1991

Past Phase Completion Milestones:

1990

PA - HNS-07, -08,-09, -10, -11, -12, -13, -14, -15, -16, -17, -18, -19, -20, -21, -22, April

1993

PA/SI - HNS-02, -03, October
PA/SI - HNS-04, December
PA - HNS-05, October
SI - HNS-05, December

1994

PA - HNS-01, March
SI - HNS-01, June
PA - HNS-06, March
SI - HNS-06, June

1995

PA - PBC, September

1996

SI, RI/FS - HNS-07, -08, -09, -10, -11, -12, -13, -14, -15, -16, -17, -18, -19, -20, -21, -22, January
RD - HNS-09, September
RA(C) - HNS-09, October

1997

RD - HNS-07, August
RA(C), RA(O), LTM - HNS-07, October

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates:
Unknown

Schedule for Next Five-Year Review: N/A

Estimated Completion Date of IRP (including LTM phase): 2030

Haines Pipeline IRP Schedule

(Based on current funding constraints)

AEDB-R #	PHASE	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15+
HNS-01	RA(O)									203009
HNS-02	RA(C)									
HNS-03	RA(C)									
	RA(O)									
	LTM									201605
HNS-04	RA(C)									
	RA(O)									
	LTM									202504
PBC	RI/FS									

Prior Years Funds
Funding up to FY04: $11,790K

Year	Site Information	Expenditures	FY Total
FY05	HNS-01, RAC,	$1,000K	
	HNS-02, RI,	$365K	
	HNS-03, RI,	$150K	
	HNS-04, RAC,	$625K	**$2,140K**

Total Funding up to FY05: $13,930K

Current Year Requirements

Year	Site Information	Expenditures	FY Total
FY06	HNS-01, RAC,	$164K	
	PBC	$2,447K	
	RAB	$40K	**$2,651K**

Total Funding FY06: $2,651K

Total Future Requirements: **$8,839K**

Total IR Program Cost *(from inception to completion of the IRP):* **$25,420K**

Community Involvement

The surrounding community for Haines Fuel Terminal (HNS-01) is the town of Haines, Alaska (~ population 2,600). A Restoration Advisory Board was established in 1997. The RAB includes members from the business community, local environmental groups, and local residents. The RAB also includes members of the Klukwan and Chilkoot Tribes, local Native American organizations. Government members include individuals from the Alaska Department of Environmental Conservation.

RAB meetings are held twice a year, generally with minimal attendance. Active members have provided advice on cleanup studies and presented their areas of concern. RAB members have been provided technical presentations to better understand the cleanup processes and technologies in place on Haines Fuel Terminal. The RAB does not address HNS-02-03-04. No TAPP projects have been identified by the RAB.

The Haines RAB meetings cover on-going and projected activities at the facility, as well as review of documents and setting priorities and meet twice a year. The Community Relations Plan was developed in 1996 and has not been updated since that time.